

PARAHO DEVELOPMENT CORPORATION

LARRY A. LUKENS President And Chief Executive Officer

December 15, 1982

Mr. D. C. Hansen State Engineer Division of Water Resources Department of Natural Resources 1636 W. North Temple Salt Lake City, UT 84116

RE: Permit Applications



DIVISION OF OIL, GAS & MINING

Dear Mr. Hansen:

Enclosed are five (5) applications for permits, Application to Appropriate Water for the proposed Paraho-Ute Facility in Uintah County, Utah. These are:

- 1. Wastewater Retention Basin, 53 acre-feet storage, l.l sec-feet (5.3 acres, Section 32, T9S, R25E, SLB & M) This basin will store treated wastewater and storm run-off water from the raw shale fines storage and plant area for use as dust suppression and retorted shale disposal construction.
- 2. Retention Basin, 23 acre-feet storage, 0.03 sec-feet flow (2.2 acres, Section 6, TlOS, R25E, SLB & M). This basin will be used to collect run-off from the western slope of the retorted shale disposal site for non-consumptive use.
- 3. Retention Pond, 6.0 acre-feet storage, 0.01 sec-feet flow (0.75 acres, Section 6, TlOS, R25E, SLB & M). This pond will be used to collect run-off in the canyon south of the retorted shale disposal site for non-consumptive use.
- 4. Temporary Sediment Control Basin, 9.0 acre-feet storage, 0.04 sec-feet flow (1.0 acres, Section 32, T9S, R25E, SLB & M).
 This basin will be used to collect run-off water below the mine portal to control sediment discharge.
- 5. Temporary Sediment Control Basin, 8.0 acre-feet, 0.04 sec-feet (1.0 acres, Section 32, T9S, R25E, SLB & M). This basin will be used to collect run-off water below the Retention Basin (3) and surficial soil storage to control sediment discharge.

Also enclosed is a check for \$180.00 for the application fee.

These five applications fully address the major dams and water impoundments required for the Paraho-Ute project. Should you have any questions regarding these applications, please contact Mr. Robert N. Heistand, Vice President, Environmental Affairs (303) 694-4949 extention 22.

Sincerely

Larry A. Lukens/

President

LL:ks

Application	No.	

APPLICATION TO APPROPRIATE WA FER STATE OF UTAH NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory page under the purpose of acquiring the right to use a portion of the urappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in a cordance with State Engineer, based upon the following showing of facts, submitted in a cordance with State of the Laws of Utah.

1. Irrigation

Domestic

Stockwatering

Municipal

Pewer

Mining

Other Uses 2. The name of the applicant is Paraho Development Corpor tion 3. The Post Office address of the applicant is 183 Inverness Dr. W. Englewood, Colorado 80112 4. The quantity of water to be appropriated ______secon__feet and/or ____28.6 to December 31 5. The water is to be used for retorted shale disposatrom J nuary (Major Purpose) (Mon a) (Day) (Month) (Day) other use period <u>dust suppression</u> from January 1 to December 31 (Minor Purpose) (Day) (Month) (Day) January 1 to December 31 and stored each year (if stored) from (Day) (Month) (Month) (Day) 6. The drainage area to which the direct source of supply belongs is _____ (Leave Blank) 7. The direct source of supply is* storm runoff from an unnamed stream & treated plant wastewate (see explanatory) (Name of stream or other source) which is tributary to White River *Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels o which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring. . The point of diversion from the source is in <u>Uintah</u> County, situated at a point* 1100 feet East and 1600 feet North of the SW corner o Section 32, T9S, R25E, SLB & M *Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely. 9. The diverting and carrying works will consist of an earthfil dam 10. If water is to be stored, give capacity of reservoir in acre-feet 5.0 height of dam 75 ft. area inundated in acres 3.4 legal subdivision of area inundated land located in the N 1/2 of the SW 1/4 of Section 32, T9S, R25E, SLB & M 11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows: 12. Is the land owned by the applicant? Yes No x If "No," explain on page 2. 13. Is this water to be used supplementally with other water rights? Yes____No__X If "yes," identify other water rights on page 2. 14. If application is for power purposes, describe type of plant, size and rated capacity. 15. If application is for mining, the water will be used in <u>an unnamed</u> the Paraho-Ute mine, where the following ores are mined Oil Shale 16. If application is for stockwatering purposes, number and kind of s ock watered _____ 17. If application is for domestic purposes, number of persons ______, or families ______ 18. If application is for municipal purposes, name of municipality_____ 19. If application is for other uses, include general description of proposed uses To impound runoff water from the oil shale plant site and provide a storage area for treated wastewater to be used inthe retorted shale disposal activities and dust suppression needs.

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. NW 1/4 of the SW 1/4 and NE 1/4 of the SW 1/4 of Section 32, The use of water as set forth in this application will consume 28.6 (see explanation) second-feet and/or acre-21. feet of water and _____0 second-feet-and/ or acre feet will be returned to the natural stream or source at a point described as follows:

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:
4. The average annual runoff volume from the 171 acres draining into the retention basin was calculated to be 14.3 ac-ft. The water to be appropriated
and consumed is filed for twice that amount to cover above average water years.
Capacity of the retention basin is sized to provide 20 ac-ft of runoff from the
raw shale storage area and 33 ac-ft of plant wastewater storage requiring a tota
of 53 ac-ft of storage.
The retention basin is also required for water quality protection - to prevent
runoff from the plant area and raw shale fines storage from reaching the White River.
MILLE RIVEL.
7. A portion of the treated plant wastewater is derived from the oils shale
retorting process. 386 gallons/minute will be added to the water required
for the plant. A portion of this water will make-up the 33 ac-ft of treated
plant wastewater storage.
21. Approximatley 28.6 ac-ft of water resulting from storm runoff will be
consumed annually and used in retorted shale disposal process or depleted by
evaporation.
12. Utah State Mineral Lease #35894
(Use page 4 if additional explanatory) is negded.
The quantity of water sought to be appropriated is finited to that which can be beneficially used for the purpose berein described
1. VII
Signature of Applicant*
*If applicant is a corporation or other organization, signature must be the name of such corporation or organization
by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant
a power of attorney, authorizing one to act for all, should accompany the Application.
DECLARATION OF CITIZENSHIP
STATE OF UTAH, County of
On theday of, 19, personally appeared before me, a
notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.
My commission expires:
(SEAL) Notary Public

FEES FOR APPLICATIONS TO APPROPRIATE VATER IN UTAH

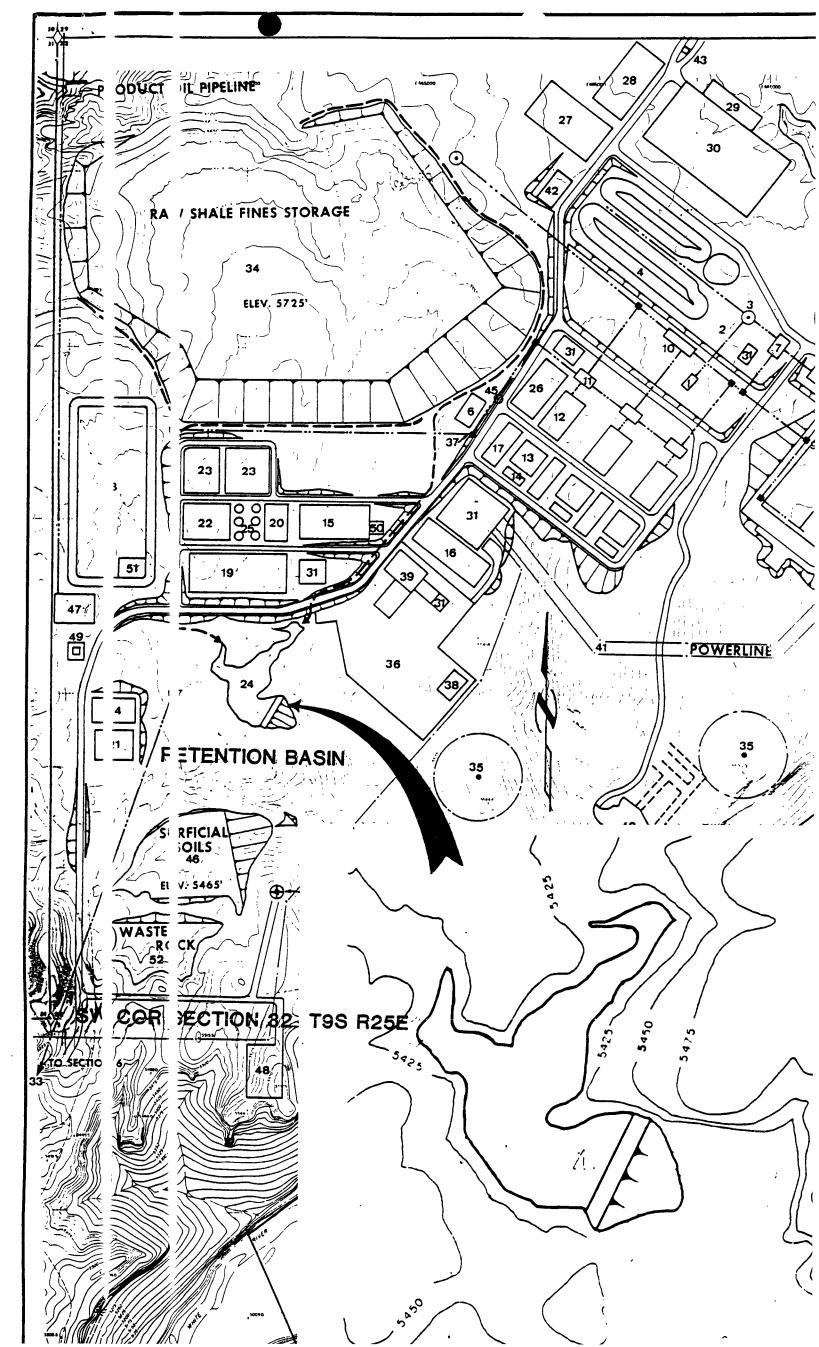
	FE	es for applic	ATIONS TO APPR	COPRIATE	VATER	IN UTAH
Flor	w rate — c.f.s	•	Cost			
	0.0 to	0.1	\$ 15.00			
	over 0.1 to	0.5	30.00			
		1.0				
			45.00			fs above the first cubic
	over 15.0	***************************************	150.00	foot per	econd.	
Stor	rage — acre-f	eet				
	0 to		22.50			
			45.00		_	
	over 500 to over 7500	7500	45.00	500 acre		00 a.f. above the first
	Over 1900		150.00	500 acre	eet.	
		(This se	ction is not to be fill	ed in by apr	icant)	
			E ENGINEER'S EN			
						office by
2.						
3.						.c. No
4.		Application mi	crofilmed by	•••••••	F	oll No
5.		-				l by
6.						
7.	•••••	Application re	turned,	or co	ected b	7 office
		Corrected Appl		by mail over count	r to Sta	te Engineer's office.
9						
19						
		-				
. 4. .		Publisher paid	by M.E.V. No	••••••		
. 5. .	•••••	Hearing held b	у	•••••		
6	•••••	Field examinati	on by			
			signated for rejection			
8		Application cor	rejection	n by	n =	ofread by
9		Application cor Application ap	brosed	-у	pr	Olicau Dy
	Conditions:	Application rej	ected			
<u>.</u>	•			-la. 1		
			, subject to prior rig			
			shall be diligently p		-	
	b. Proof o	f Appropriation sha	all be submitted to t	he State E	;ineer's	ffice by
	c	•	••••			
	•••••••••••••••••••••••••••••••••••••••	•••••				
	•••••••••••		••••		••••••	
						State Engineer
			priation submitted.		•••••	

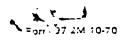
EX	CPLANATORY CONTINUED

NOTICE TO APPLICANT

All waters in this state, whether above or under the ground, are the property of the public, subject to all existing rights to the use thereof. No appropriation of the unappropriated public water may be made and no rights to the use thereof shall be recognized except Application for such appropriation first be made to the State Engineer.

The approval of this Application is not a Certificate of Appropriation. It is merely your authority to begin construction work, which must be prosecuted diligently to completion. To secure a Certificate of Appropriation under this Application, Proof of Appropriation must be submitted within the time limit allowed by the State Engineer. The amount of water for which Certificate will be issued will depend upon the amount of water actually put to a beneficial use, not to exceed, however, the amount of water specified in this Application. Proof of Appropriation must be made in accordance with the requirements of the law. For further information write the State Engineer.





Application	No.	
. A P		**************

APPLICATION TO APPROPRIATE W .TER STATE OF UTAH

supplementary statement should be made on the following page under the heading "Explana	tory matter, but when necessary, a complete
For the purpose of acquiring the right to use a portion of the Utah, for uses indicated by (X) in the proper box or boxes, appl Engineer, based upon the following showing of facts, submitted in the Laws of Utah.	ation is hereby made to the State
1. Irrigation Domestic Stockwatering Municipal [wer Mining Other Uses X
2. The name of the applicant is Paraho Development Corpora	•
3. The Post Office address of the applicant is 183 Inverness Dr 4. The quantity of water to be appropriated Suite 3	A A (see explanation)
5. The water is to be used forfrom	
(Major Purpose) (Mc	:h) (Day) (Month) (Day)
other use periodfrom	
(Minor Purpose) (Mc	th) (Day) (Month) (Day)
and stored each year (if stored) from January	1 to December 31
(Мо	(Day) (Month) (Day)
6. The drainage area to which the direct source of supply belongs is	
7 The direct course of supplying Storm number from an unne	(Leave Blank)
7. The direct source of supply is * Storm runoff from an unna	or other source)
which is tributary to White River	,
"Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should	he designated as "Underground Water" in the
space, giving its name, if named, and in the remaining spaces, designate the stream channel may sink, evaporate, or be diverted before reaching said channels. If water from a spring diverted, the direct source should be designated as a stream and not a spring.	a spring area, or a drain, so indicate in the first to which it is tributary, even though the water lows in a natural surface channel before being
8. The point of diversion from the source is in <u>Uintah</u> 1628 feet east & 930 feet north of the SW corner of	County, situated at a point* ection 32, T9S, R25E, SLB & M
*Note.—The point of diversion must be located definitely by course and distance or b west with reference to a United States land survey corner or United States mineral monumer at a greater distance, to some prominent and permanent natural object. No application diversion is not defined definitely. 9. The diverting and carrying works will consist ofa temporary	giving the distances north or south, and east or if within a distance of six miles of either, or if d be received for filing in which the point of earthfill dam
***************************************	***************************************
10. If water is to be stored, give capacity of reservoir in acre-feet 8 area inundated in acres 1.0 legal subdivision of area in of Section 32, T9S, R25E, SLB & M	
11. If application is for irrigation purposes, the legal subdivisions of \boldsymbol{t}	

	TotalAcres
12. Is the land owned by the applicant? Yes No x If	io," explain on page 2.
13. Is this water to be used supplementally with other water rights? If "yes," identify other water rights on page 2.	YesNoX
14. If application is for power purposes, describe type of plant, size a	d rated capacity.
15. If application is for mining, the water will be used in	Vision - Dissoir
the mine, where the following-ores	remined
16. If application is for stockwatering purposes, number and kind of	
	ock watered
17. If application is for domestic purposes, number of persons	
18. If application is for municipal purposes, name of municipality	
19. If application is for other uses, include general description of pro-	used uses non-beneficial use
for storm water retention and sediment control during	onstruction - water to be
depleted by evaporation subdivision of the United States Land S graphs 14 to 19, incl. non-beneficial storage of storm	rvey for all uses described in para- runofff and sediment control
21. The use of water as set forth in this application will consume feet of water and	23.4 second-feet and/or acre-
stream of source at a point described as follows:	

MALE BELLEVIER

If applicant is a corporation or other by its proper officer, or in the name of the be listed. If a corporation or partnership, a power of attorney, authorizing one to ac	age 4 if additional explanatory is needed. It sought to be appropriated is limited to that which cially used for the purpose herein described Signature of Applicant Larry A. Lukens, President or organization, signature must be the name of such corporation or organization partnership by one of the partners, and the names of the other partners shall the affidavit below need not be filled in. If there is more than one applicant, or for all, should accompany the Application.
If applicant is a corporation or other by its proper officer, or in the name of the be listed. If a corporation or partnership,	Signature of Applicant Larry A. Lukens, President r organization, signature must be the name of such corporation or organization partnership by one of the partners, and the names of the other partners shall the affidavit below need not be filled in. If there is more than one applicant,
The quantity of water	r sought to be appropriated is Umited to that which
	· · · · · · · · · · · · · · · · · · ·
12. Utah State Mineral I	Lease #35894
	basin is required for water quality protection - to rom the construction areas from reaching the White River.
	lation of sediment in the basin over a five year period.
is filed for twice that amount	to cover above average water years.
posed application: 4. The average annual runoff for control basin was calculated to is filed for twice that amount The capacity of the temporary storm and the projected accumulate The temporary sediment control	sediment_control_basin_was_calculated_by_summing_the lation of sediment in the basin over a five year perbasin is required for water quality protection - to

	c.f.s. Co	st
0.0	to 0.1\$ 1	
	to 0.5 3	
	to 15.0 4	
over 15.0		• • • • • • • • • • • • • • • • • • • •
torage — ac	re-feet	-
•) to 20 2	2.50
) to 500 4	
	0 to 7500 4	•
over 750	015	0.00 500 acre feet.
	(This section is not to	he end in her combined
		be filled in by applicant) CS ENDORSEMENTS
		nail unter in State Engineer's office by
)	Priority of Application broug	ht down to, on account of
		······
	Application fee, \$,	received by Rec. No
!		Roll No.
5	Indexed by	Platted by
	· · · · · · · · · · · · · · · · ·	
• •••••••	Application returned,	or corrected by office
		by mail to State Engineer's office
		nitted over counter to State Engineer's office.
)	Application approved for adv	ertisement by
	Notice to water users prepare	ed by
• • • • • • • • • • • • • • • • • • • •	Publication began; was comp	leted
	Notice published in	
) 	Proof slips checked by	
	-	
	•	
	Publisher paid by M.E.V. No.	
	Hearing held by	
		•
• ••••••		pproval
		ejection tated byproofread by
	Application approved rejected	prooffed by
. Condition	COLUMBIAN IS STATEMENT SUBJECT TO TH	rior rights, as follows:
. Conditions This A		
This A	ual construction work shall be dilige	-
This A a. Act b. Pro	ual construction work shall be dilige of of Appropriation shall be submitts	ed to the State Engineer's office by
This A a. Act b. Proc	ual construction work shall be dilige of of Appropriation shall be submitts	ed to the State Engineer's office by
This A a. Act b. Proc	ual construction work shall be dilige of of Appropriation shall be submitts	ed to the State Engineer's office by
This A a. Act b. Proc	ual construction work shall be dilige of of Appropriation shall be submitts	ed to the State Engineer's office by
This A a. Act b. Pro c.	ual construction work shall be diliged of of Appropriation shall be submitted	State Engineer's office by State Engineer
This A a. Act b. Pro c.	ual construction work shall be diliged of of Appropriation shall be submitted	State Engineer soffice by

23. Certificate of Appropriation, No., issued

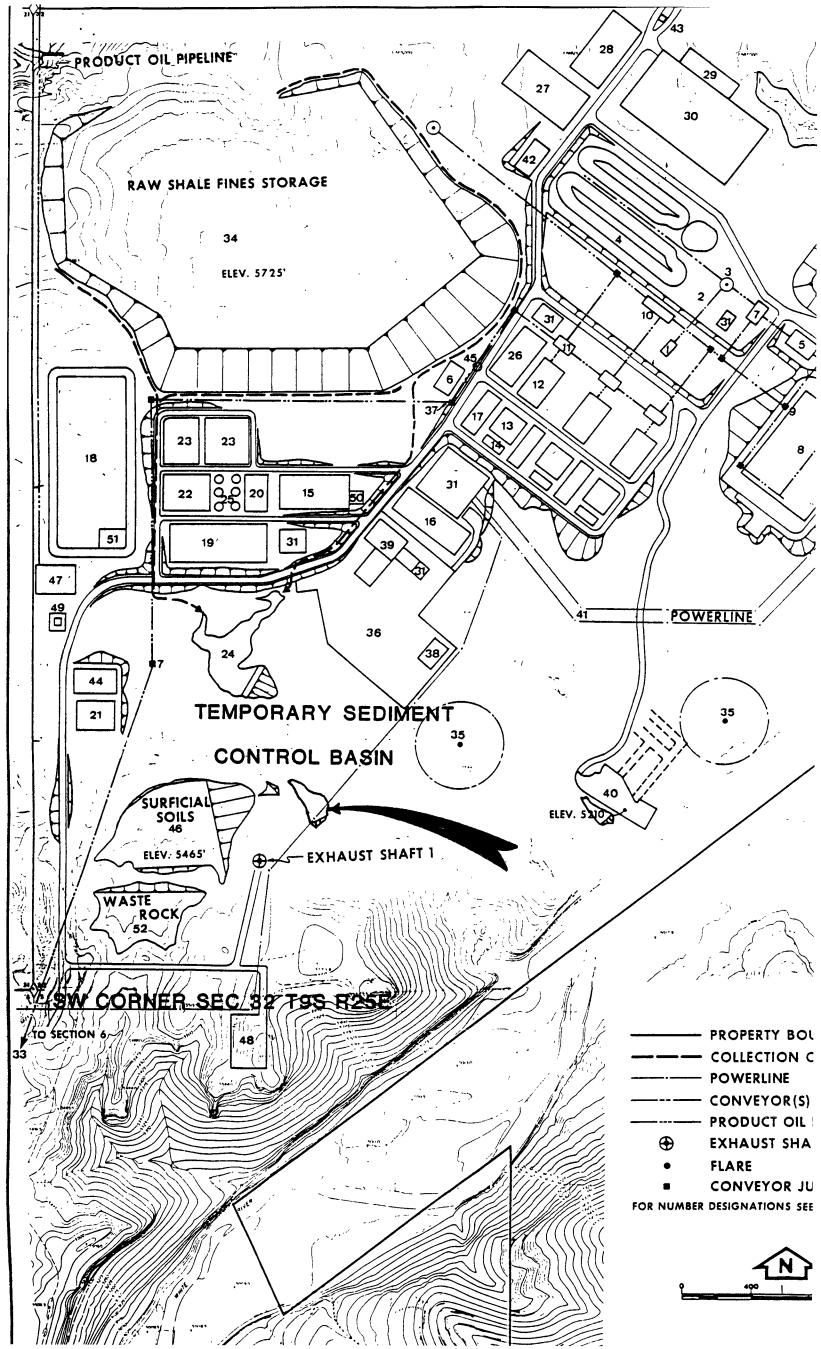
-	
	•
	• •

R VEHICL LVZ

NOTICE TO APPLICANT

All waters in this state, whether above or under the ground, are the property of the public, subject to all existing rights to the use thereof. No appropriation of the unappropriated public water may be made and no rights to the use thereof shall be recognized except Application for such appropriation first be made to the State Engineer.

The approval of this Application is not a Certificate of Appropriation. It is merely your authority to begin construction work, which must be prosecuted diligently to completion. To secure a Certificate of Appropriation under this Application, Proof of Appropriation must be submitted within the time limit allowed by the State Engineer. The amount of water for which Certificate will be issued will depend upon the amount of water actually put to a beneficial use, not to exceed, however, the amount of water specified in this Application. Proof of Appropriation must be made in accordance with the requirements of the law. For further information write the State Engineer.



Earm 97 2	 0 70

Application No.	
ippiication i to.	******

APPLICATION TO APPROPRIATE WATE & STATE OF UTAH

suppl	NOTE:—The information given in the following blanks should be free from explanatory ementary statement should be made on the following page under the heading "Explanatory."	natter, but	when necessary	, a complete	
Utal	For the purpose of acquiring the right to use a portion of the unap- n, for uses indicated by (X) in the proper box or boxes, application	ı is herel	by made to	the State	
Eng.	ineer, based upon the following showing of facts, submitted in accordances of Utah.	lance wit	h the requir	ements of	
1.	Irrigation Domestic Stockwatering Municipal Powe		•		
2.	The name of the applicant is Paraho Development Corporation				
3.	The Post Offsce address of the applicant is 183 Inverness Dr. We				
4.	The quantity of water to be appropriatedsecond-fe	t and/or_	27.0	_acre-feet	8011
5.			to (see	explanat	ion)
			(Month)		
	other use periodfrom(Minor Purpose) (Month)	(Day)	(Month)	(Day)	
	and stored each year (if stored) from January 1				
			(Month)		
6.	The drainage area to which the direct source of supply belongs is	(1,	ave Blank)	7444-77844888	
7.	The direct source of supply is* storm runoff from an unnamed		•		
	(Name of stream or	her source)			
	which is tributary to White River , trib	tary to	Green Riv	er	
space,	Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be pace and the remaining spaces should be left blank. If the source is a stream, a spring, a sp giving its name, if named, and in the remaining spaces, designate the stream channels to w ink, evaporate, or be diverted before reaching said channels. If water from a spring flows ed, the direct source should be designated as a stream and not a spring.	signated as	"Underground V drain, so indicat	Vater" in the	
8.	The point of diversion from the source is in Uintah	County	, situated at	a point*	
210	of feet West and 930 feet North of the SE corner of Se	tion 32	, T9S, R25	E, SLB &	M

at a g	Note.—The point of diversion must be located definitely by course and distance or by giving ith reference to a United States land survey corner or United States mineral monument, if we reater distance, to some prominent and permanent natural object. No application will be on is not defined definitely.	hin a distant	e of siv miles of	aithar arif	
	The diverting and carrying works will consist of <u>a temporary ear</u>	ıfill da	am	***********	
10.	If water is to be stored, give capacity of reservoir in acre-feet 9.0	**********	height of da	m 15'	
	area inundated in acres 1.0 legal subdivision of area inunda Section 32, T9S, R25E, SLB & M	ed SW 1	1/4 of the	SE 1/4	
	If application is for irrigation purposes, the legal subdivisions of the ar	a irrigated	d are as follo	ws:	

19	Is the land owned by the applicant? Yes			Acres	
	Is this water to be used supplementally with other water rights? Yes If "yes," identify other water rights on page 2.	N	No <u>X</u>		
14.	If application is for power purposes, describe type of plant, size and ra	ed capaci	ty		
15.	If application is for mining, the water will be used in		Mining D	istrict at	
1	the mine, where the following ores are m	ned	*********		
16.	If application is for stockwatering purposes, number and kind of stock				
17. 1	If application is for domestic purposes, number of persons	or famili	es	**********	
18.	If application is for municipal purposes, name of municipality	*************			
19.]	f application is for other uses, include general description of proposed r storm water retention and sediment control during cor	uses non	- benefici	al use	
20.	pleted by evaporation Give place of use by legal subdivision of the United States Land Survey graphs 14 to 19, incl. non-beneficial storage of storm runo	c 11		•	
<u>in</u>	Section 32, T9S, R25E, SLB & M	T and S	ealment co	ntrol	
21.	The use of water as set forth in this application will consume 27.0 feet of water and0 second feet and/ or acre feet v	vill he ret	urned to the	natural	
	stream or source at a point described as follows:		***************		

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:
4. The average annual runoff volume from the 163 acres draining into the temporary
sediment control basin was calculated to be 13.5 ac-ft. The water to be appropriate
& consumed is filed for twice that amount to cover above average water years.
The capacity of the temporary sediment control basin was calculated by summing
<u>the storm runoff volumes derived from a 10 year - 24 hour storm and the projected</u>
accumulation of sediment in the basin over a five year period.
The temporary sediment control basin is required for water quality protection -
to prevent sediment laden runoff from the construction areas from reaching the
White River.
12. Utah State Mineral Lease #35894
(Use page 4 if additional explanatory is needed)
The quantity of water sought to be appropriated is that which can be beneficially used for the purpose herein described
can be beneficially used for the purpose herein described
Signature of Applicant* Larry A. Lukens, President *If applicant is a corporation or other organization, signature must be the name of such corporation or organization
by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall
be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.
DECLARATION OF CITIZENSHIP
STATE OF UTAH, County of ss
County of
On the
or has declared his intention to become such a citizen.
My commission expires:
(SEAL) Notary Public

FEES FOR APPLICATIONS TO AP ROPRIATE WATER IN UTAH

	FEES FOR APPLICATIONS TO AP	ROPRIATE WATER IN UTAH
Flow rate	c.f.s. Cost	
0.0	to 0.1\$ 15.0	
over	1 to 0.5 30.(
over	5 to 1.0	
over	0 to 15.0	1
over !	0	foot per second.
Storage -	cre-feet	
200280	0 to 20	
over	20 to 500	
over	00 to 7500	
over '		1
0.02	2000	ood acte feet.
	(This section is not to be	lled in by applicant)
	STATE ENGINEER'S	NDORSEMENTS
		· •
1	Application received by mail over coun	in State Engineer's office by
		own to, on account of
3.	Application fee, \$, rec	ved by Rec. No
4	Application microfilmed by	Roll No
		Platted by
		•
6.	Application examined by	
7	Application returned,	or corrected by office
		1 '1
8	Corrected Application resubmit	i over counter to State Engineer's office.

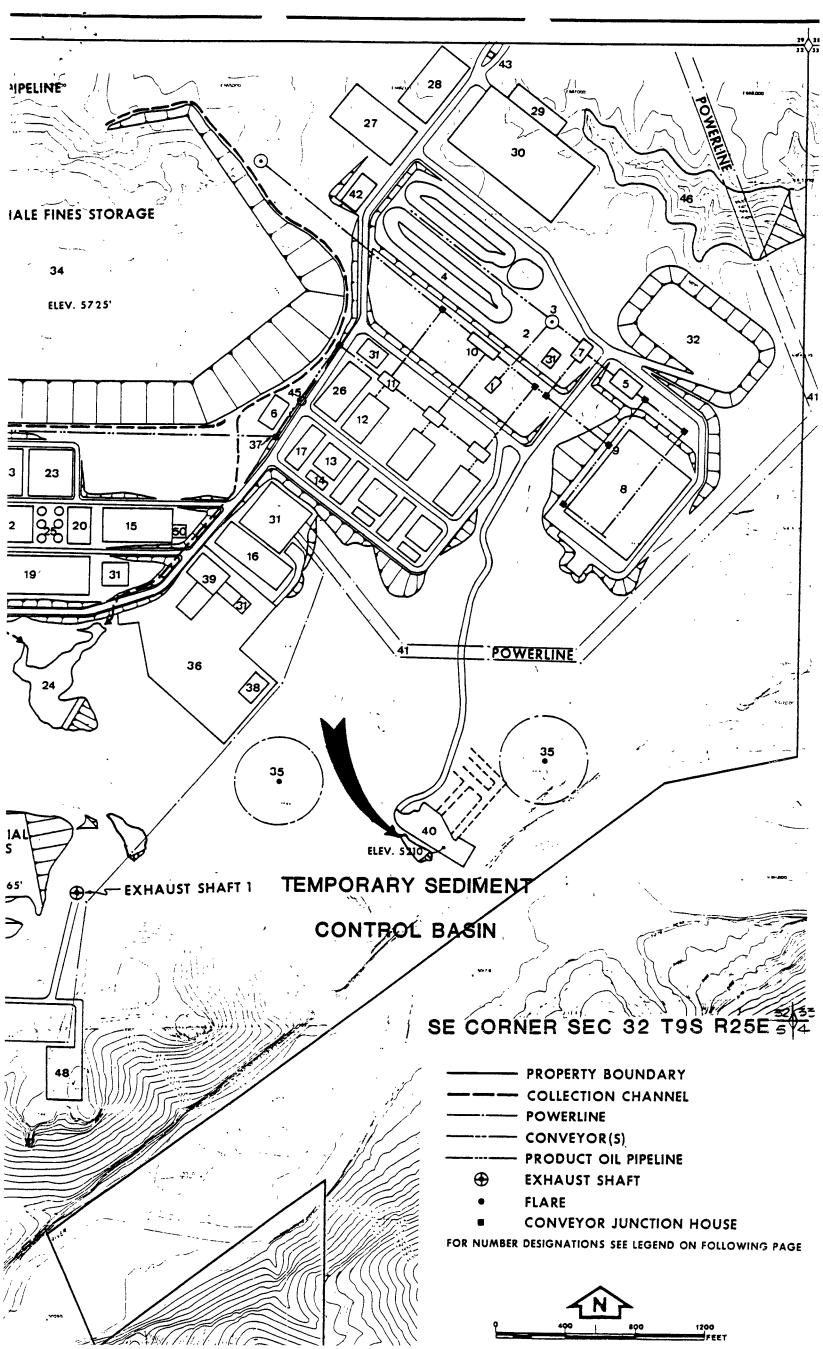
9	Application approved for advert	ement by
		у
		1
44	_	
	Notice published in	
12	Proof slips checked by	
13	Application protested by	
14	Publisher paid by M.E.V. No	
	· · · · · · · · · · · · · · · · · · ·	
17	Application designated for app	ion
18	Application copied or photostat	l byproofread by
19		
20. Condit		
		debte on follows:
	Application is approved, subject to prio	ights, as follows:
a. 1	tual construction work shall be diligent	prosecuted to completion.
b.]	oof of Appropriation shall be submitted	the State Engineer's office by
c. .		
***********	•••••••	State Engineer
21	Time for making Droof of Annu	oriation extended to
22	Proof of Appropriation submitte	••
23	Certificate of Appropriation, No	, issued
		•

,
1)
11
11 1

NOTICE TO APPLICANT

All waters in this state, whether above or under the ground, are the property of the public, subject to all existing rights to the use thereof. No appropriation of the unappropriated public water may be made and no rights to the use thereof shall be recognized except Application for such appropriation first be made to the State Engineer.

The approval of this Application is not a Certificate of Appropriation. It is merely your authority to begin construction work, which must be prosecuted diligently to completion. To secure a Certificate of Appropriation under this Application, Proof of Appropriation must be submitted within the time limit allowed by the State Engineer. The amount of water for which Certificate will be issued will depend upon the amount of water actually put to a beneficial use, not to exceed, however, the amount of water specified in this Application. Proof of Appropriation must be made in accordance with the requirements of the law. For further information write the State Engineer.



	~~			
07	744	10	70	

Application	. O.	

APPLICATION TO APPROPRIATE WATER STATE OF UTAH

NOTE:-The information given in the following blanks should be free from explanatory matter, but when necessar supplementary statement should be made on the following page under the heading "Explanatory" For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah. Irrigation □ Domestic □ Stockwatering □ Municipal □ Power □ GAShg □ Other Uses □ The name of the applicant is Paraho Development Corporation The Post Office address of the applicant is 183 Inverness Drive West. Englewood
Suite 300 A Colo. 80112 second-feet and/or 19.2 The quantity of water to be appropriated ____ explanatic The water is to be used for____ from _to (Major Purpose) (Month) (Day) (Month) (Dav) other use period_ from to (Minor Purpose) (Month) (Day) (Month) (Day) January to Dec. and stored each year (if stored) from 31 (Month) (Dav) (Month) (Dav) 6. The drainage area to which the direct source of supply belongs is. (Leave Blank) 7. The direct source of supply is* storm runoff from an unnamed stream (Name of stream or other source) _, tributary to ___Green_River White River which is tributary to_ *Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring. Uintah The point of diversion from the source is in. _County, situated at a point* 685 feet east of the SW corner of Section 6, T10S, SLB & M *Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely. The diverting and carrying works will consist of _____ an earthfill dam height of dam 40 feet 10. If water is to be stored, give capacity of reservoir in acre-feet ... 23.0 area inundated in acres 2.2 legal subdivision of area inundated A portion of the SW 1/4 of the SW 1/4 of Section 6, T10S, R25E, and a portion of the NW 1/4 of the NW 1/4 of Section 7, T10S, R25E, SLB & M
If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows: 12. Is the land owned by the applicant? Yes No x If "No," explain on page 2. 13. Is this water to be used supplementally with other water rights? Yes _____No __X If "yes," identify other water rights on page 2. 14. If application is for power purposes, describe type of plant, size and rated capacity. 15. If application is for mining, the water will be used in mine, where the following-ores are mined 16. If application is for stockwatering purposes, number and kind of stock watered ____ 17. If application is for domestic purposes, number of persons ______, or families ______ 18. If application is for municipal purposes, name of municipality_______ If application is for other uses, include general description of proposed uses <u>non-consumptive use</u> for storm water retention-water to be depleted by evaporation graphs 14 to 19, incl. Non-consumptive storage for storm water in Section 6, T10S, R25E, SLB & M. Give place of use by legal subdivision of the United States Land Survey for all uses described in para-The use of water as set forth in this application will consume 19.2 second feet and/or acre-21. feet of water and ______ second-feet-and/ or acre feet will be returned to the natural stream or source at a point described as follows: _

EXPLANATORY

posed application:	are set forth in order to define more clearly the full purpose of the pro-
4. The average annual runo	ff volume from the 115 acres draining into the retention
	9.6 ac-ft. The water to be appropriated and consumed is
retention basin was based	t to cover above average water years. The capacity of the on a 10 yr. 24 hr storm rather than the average annual runof
Teocheron basin was based	on a 10 yr. 24 m storm rather than the average annual runor
The retention basin is req	uired for water quality protection - to prevent
	e areas from reaching the White River.
12. Leased from Skyli	ne Oil Company (Sohio Shale Oil Company)
	·
	se page 4 if additional explanatory is needed
can be be	water sought to be appropriated is limited to that which eneficially used for the purpose person described
	1411/JII 11
	Signature of Applicant*
*If applicant is a corporation or	Larry A. Lukens, President other organization, signature must be the name of such corporation or organization
be listed. If a corporation or part less	of the partnership by one of the partners, and the names of the other partners shall ship, the affidavit below need not be filled in. If there is more than one applicant,
a power of attorney, authorizing the	to act for all, should accompany the Application.
	DEGLADAMON OF CIMIZENGIAN
	DECLARATION OF CITIZENSHIP
STATE OF UTAH, County of	SS
On the	of 10 powerpolly appeared before we a
notary public for the State of Utal, or has declared his intention to become	of
My commission expires:	C SUCII & CILIACII.
(SEAL)	Notary Public
(DEAL)	NOGATY FUDIC

FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

		FE	es f	OR APPLICATIONS TO AP	PR	OPRIATE WATER IN UTAH
Flo	w rate	c.f.s.	•	Cost		
	0.0			\$ 15.0		
				30.0		
						plus \$7.50 for each cfs above the first cubic
	over			150.0		foot per second.
Sto	rage –	– acre-fe	eet			•
Q 00.	- mac	0 to		22.5	Δ	
	over			45.0	_	
	over		7500	45.0		plus \$7.50 for each 500 a.f. above the first
	over	7500			0	500 acre feet.
				(This section is not to be	fille	ed in by applicant)
				STATE ENGINEER'S		
1.		• • • • • • • • • • • • • • • • • • • •	A	pplication received over count	ter	in State Engineer's office by
2.			P	riority of Application brought	dow	n to, on account of
	•••••			•••••••••••••••••••••••••••••••••••••••		
						ed by Rec. No
4.		•••••	A	pplication microfilmed by		
5.		•••••	I	ndexed by		Platted by
7.			A	pplication returned,	• • • • • •	or corrected by office
				•••••••••••••••••••••••••••••••••••••••		her mail
8.			C	orrected Application resubmitt	ted	by mail over counter to State Engineer's office.
_						
						nent by
11.						
				<u> </u>		
				•		
13.			A	pplication protested by		
					•••••	
				- · · · · · · · · · · · · · · · · · · ·		
17.	••••••		A	pplication designated for appropriate appr	rov: ctio	an M
				pplication copied or photostat		by proofread by
19_	•••••		A	pplication rejected		
20.	Condi	tions:		•		
	Th	is Appli	icatio	n is approved, subject to prior	r rig	ghts, as follows:
	· a.	Actual	const	truction work shall be diligent	ly p	prosecuted to completion.
				_		he State Engineer's office by
				·		
	••••	***********		•••••••••••••••••••••••••••••••••••••••	•••••	
						
•-				·		State Engineer
21.	•••••		T	ime for making Proof of Appr	opr	iation extended to

22. Proof of Appropriation submitted.

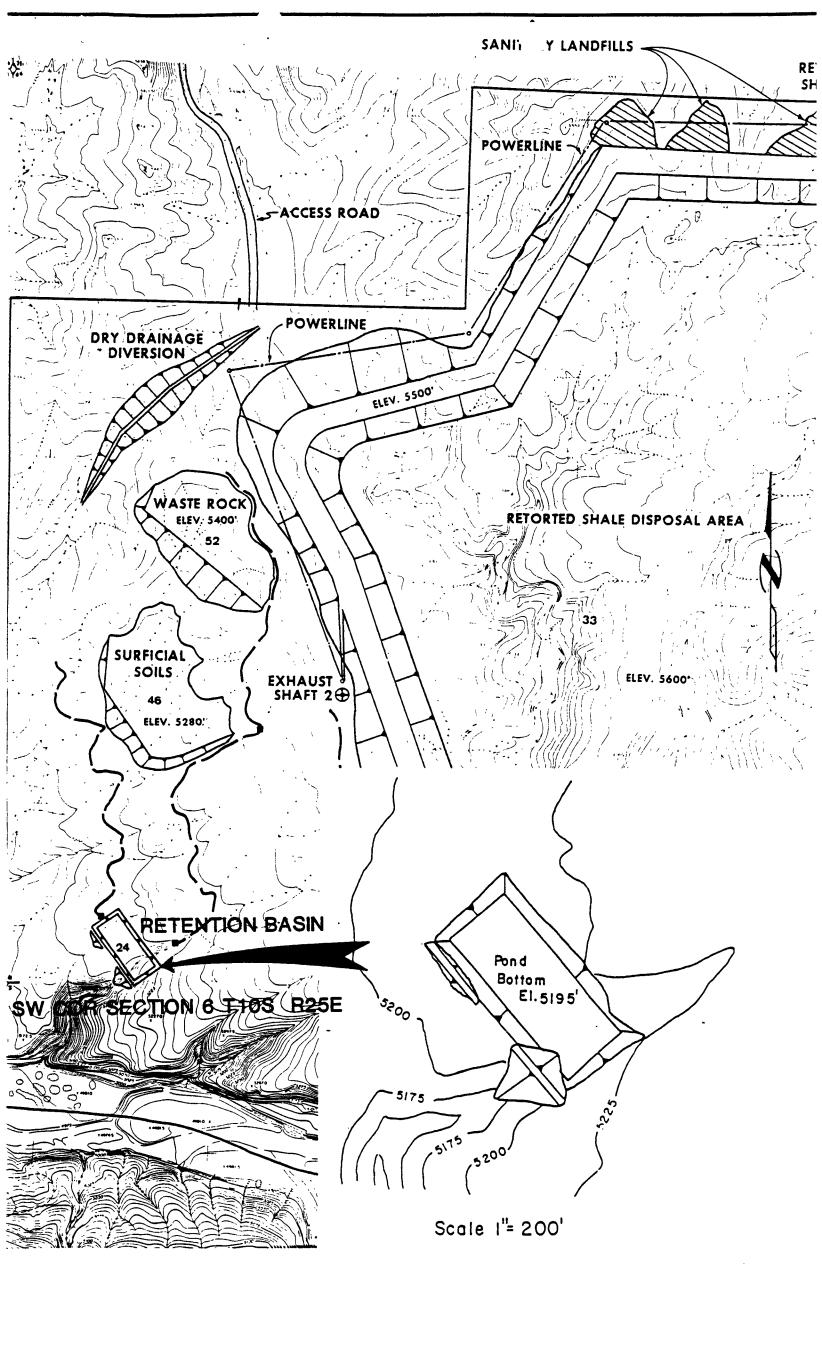
23. Certificate of Appropriation, No., issued

	EXPLANATORY CONTINUED	
		<u> </u>
<u> </u>		
		1
		* 510.7

NOTICE TO APPLICANT

All waters in this state, whether above or under the ground, are the property of the public, subject to all existing rights to the use thereof. No appropriation of the unappropriated public water may be made and no rights to the use thereof shall be recognized except Application for such appropriation first be made to the State Engineer.

The approval of this Application is not a Certificate of Appropriation. It is merely your authority to begin construction work, which must be prosecuted diligently to completion. To secure a Certificate of Appropriation under this Application, Proof of Appropriation must be submitted within the time limit allowed by the State Engineer. The amount of water for which Certificate will be issued will depend upon the amount of water actually but to a beneficial use, not to exceed, however, the amount of water specified in this Application. Proof of Appropriation must be made in accordance with the requirements of the law. For further information write the State Engineer.



= 3am 97 2M 10-70

Application	No	
. ippiication	* 1C'.	

APPLICATION TO APPROPRIATE WATER STATE OF UTAH

NOTE: The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

the	Laws of Utan.				•	
1.	Irrigation Domestic Stockwatering	Municipal C	Power	☐ Minin	g Othe	r Uses 🛛
2.	The name of the applicant is Paraho Develop	ment Cor	poration			
3.	The Post Office address of the applicant is 183	<u>Invernes</u> :	<u>s Drive W</u>	est, End	lewood,	Colo. 80112
<u></u> .	The quantity of water to be appropriated	Su	inte 300 A second-leet	\ : and/or	6.6 ^{(see}	_ucre-feet
	The water is to be used for					
	(Major Purpose)		(Month)	(Day)	(Month)	(Dav)
	other use period(Minor Purpose)	from	m	t	o <u></u>	*************
	(Minor rurpose)	.lanuar	(.Vionth)	(Day)	(Month)	(Day) an 31
	and stored each year (if stored) from	Januar	(Month)	(Dav)	(Month)	(Day)
6.	The drainage area to which the direct source of su	pply belor	ngs is	(22.)	((32)
		FF-7	-3	(Lea	ve Blank)	100 20 00 00 00 00 00 00 00 00 00 00 00 00
7.	The direct source of supply is* <u>storm runoff</u>	from an	unnamed s	tream	*****	
	Maita Divers		of stream or oth		.	
	which is tributary to White River		, tribut	ary to $\frac{\gamma}{2}$	reen Rive	<u> </u>
nrst	*Note.—Where water is to be diverted from a well, a tunnel, or dr. space and the remaining spaces should be left blank. If the source	is a stream, a	spring, a sprin	grafes, or a d	rain. so indicate	e in the first
Space	e, giving its name, if named, and in the remaining spaces, designate sink, evaporate, or be diverted before reaching said channels. If	the stream ch	nannels to which	ch it is tribui	tary, even thous	gh the water
diver	ted, the direct source should be designated as a stream and not a spri	ing.	-			- '
8.	The point of diversion from the source is in <u>Uin</u> 60 feet west and 515 feet south of the N	<u>tah</u>	- C - C 1 1	_County,	situated at	a point*
0!	of reet west and 515 reet south of the N	<u>corner</u>	or Section	on /, []	. <u>OS, R25E</u> ,	<u>SLB & M</u>
******		************		•		~
	The point of disaminar must be be and definitely by any					***************************************
west	*Note.—The point of diversion must be located definitely by cours with reference to a United States land survey corner or United States	es mineral mod	nument, if with	un a distance	of six miles of	wither or if
diver	greater distance, to some prominent and permanent natural objection is not defined definitely.				-	
9.	The diverting and carrying works will consist of	an eart	thfill dar	n		****

10.	If water is to be stored, give capacity of reservoir i	n acre-feet	6.0	l-	neight of da	m 20
	area inundated in acres	ision of are				
of	the NE 1/4 of Section 7, T10S, R25E, SLE	3 & M				
11.	If application is for irrigation purposes, the legal st	ubdivisions	of the area	irrigated	are as follo	tvs:
				•		
,	~~~~					
	***************************************	************	*********		•••••••••••••••	
						Acres
12.	Is the land owned by the applicant? Yes	. No <u>x</u>	. If "No," e	xplain on	page 2.	
13.	Is this water to be used supplementally with other	water righ	its? Yes_	N	o_X	
	If "yes," identify other water rights on page 2.	J	-			
14.	If application is for power purposes, describe type	of plant, s	ize and rate	d capacit	v.	
				a capacit	<i>]</i> • •••••••••	}*************************************
15.	If application is for mining, the water will be used				Mining D	istrict at
	the mine, where the	following-	ores are min	ied		
16.	If application is for stockwatering purposes, numb					
	If application is for domestic purposes, number of					
	If application is for municipal purposes, name of n		•			
	If application is for other uses, include general des	-				
for	r storm water retention - water to be dep	cription of	proposed i evanorat	ises <u>liuli</u>	- nellel ic	<u>ial use</u>
∠ ∪.	Give place of use by legal subdivision of the United graphs 14 to 19, incl. non-consumptive storag	a States La	na Survey : rm wato∽	tor all use	s described	in bara-
R25	5E, SLB & M	الأولى والمالية	rm-Marer.	.m75CT	<u> </u>	<u> </u>
21.	app a se angle a pro com com a mandel de ma tab polyge a se appende de combonida com de combonida en en des					lan name
41.	feet of water and second-feet-	m consum	cre feet wi	ill be reti	arned to the	/or acre- e natural
	stream or source at a point described as follows:					

EXPLANATORY

The following additional facts are set forth in or posed application:	der to define more clearly the full purpose of the pro-
	ne 40 acres draining into the retention
	water to be appropriated and consumed is
	average water years. The capacity of the
	torm rather than the average annual runoff.
The retention basin is required for water	quality protection - to prevent
runoff from the spent shale areas from rea	• • • •
	•
12. Leased from Skyline Oil Compan	y (Sohio Shale Oil Company)
(Tipe name A if addition	al explanatory is heeded.)
_ ~	
can be beneficially used for	appropriated is limited to that which the purpose herein described
	1 St. S. S. S.
	Signature of Applicant*
*If applicant is a corporation or other organization, six	Larry A. Lukens, President mature must be the name of such corporation or organization
by its proper officer, or in the name of the partnership by oi	he of the partners, and the names of the other partners shall ow need not be filled in. If there is more than one applicant.
a power of attorney, authorizing one to act for all, should	accompany the Application.
DECLARATION	OF CITIZENSHIP
STATE OF UTAH.	
STATE OF UTAH, County of	
On theday of	
notary public for the State of Utah, the above applicant whom has declared his intention to become such a citizen.	, 19, personally appeared before me, a no, on oath, declared that he is a citizen of the United States,
My commission expires:	
may commission expires:	
, 	Y-1 Y-17
(SEAL)	Notary Public

FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

	r	ES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH
Flo	w rate c.f.s	. Cost
	0.0 to	0.1\$ 15.00
		0.5
	over 0.5 to	1.0 45.00
		15.0
	over 15.0	150.00 foot per second.
Sto	rage — acre-f	eet .
	0 to	
		500 45.00
		7500
	over 7500	150.00 500 acre feet.
		(This section is not to be filled in by applicant)
		STATE ENGINEER'S ENDORSEMENTS
•		Application received by mail over counter in State Engineer's office by
2.		Priority of Application brought down to, on account of
	***************************************	······································
3.		Application fee, \$, received by Rec. No
4.		Application microfilmed by
5.		Indexed by
c		Application examined by
7.		Application returned, or corrected by office
8.		by mail Corrected Application resubmitted over counter to State Engineer's office.
9.	***************************************	Application approved for advertisement by
10.		Notice to water users prepared by
11.	444444444444	Publication began; was completed
		Notice published in
19		Proof slips checked by
13.		Application protested by
• •		Dakishan asi ka MEN N
		Publisher paid by M.E.V. No.
15.		Hearing held by
		Field examination by
17.	***********	Application designated for rejection
		Application copied or photostated by proofread by
		annovad
18.		Application approved
18. 19.		Application rejected
18. 19.	Conditions:	Application rejected
18. 19.	Conditions:	Application rejected ication is approved, subject to prior rights, as follows:
18. 19.	Conditions: This Appl	
18. 19.	Conditions: This Apple	ication is approved, subject to prior rights, as follows: construction work shall be diligently prosecuted to completion.
18. 19.	Conditions: This Apple a. Actual b. Proof of	ication is approved, subject to prior rights, as follows: construction work shall be diligently prosecuted to completion. of Appropriation shall be submitted to the State Engineer's office by
18. 19.	Conditions: This Applia. Actual b. Proof c	ication is approved, subject to prior rights, as follows: construction work shall be diligently prosecuted to completion. of Appropriation shall be submitted to the State Engineer's office by
18. 19.	Conditions: This Applia. Actual b. Proof of	ication is approved, subject to prior rights, as follows: construction work shall be diligently prosecuted to completion. of Appropriation shall be submitted to the State Engineer's office by
18. 19.	Conditions: This Applia. Actual b. Proof of	ication is approved, subject to prior rights, as follows: construction work shall be diligently prosecuted to completion. of Appropriation shall be submitted to the State Engineer's office by
18. 19. 20.	Conditions: This Applia. Actual b. Proof o	ication is approved, subject to prior rights, as follows: construction work shall be diligently prosecuted to completion. of Appropriation shall be submitted to the State Engineer's office by State Engineer
18. 19. 20.	Conditions: This Applia. Actual b. Proof o	ication is approved, subject to prior rights, as follows: construction work shall be diligently prosecuted to completion. of Appropriation shall be submitted to the State Engineer's office by State Engineer Time for making Proof of Appropriation extended to
18. 19. 20.	Conditions: This Applia. Actual b. Proof o	ication is approved, subject to prior rights, as follows: construction work shall be diligently prosecuted to completion. of Appropriation shall be submitted to the State Engineer's office by
18. 19. 20. 21.	Conditions: This Applia. Actual b. Proof c	ication is approved, subject to prior rights, as follows: construction work shall be diligently prosecuted to completion. of Appropriation shall be submitted to the State Engineer's office by

<u> </u>	
<u>.</u>	
<u> </u>	
	•

EXPLANATORY CONTINUED

NOTICE TO APPLICANT

All waters in this state, whether above or under the ground, are the property of the public, subject to all existing rights to the use thereof. No appropriation of the unappropriated public water may be made and no rights to the use thereof shall be recognized except Application for such appropriation first be made to the State Engineer.

The approval of this Application is not a Certificate of Appropriation. It is merely your authority to begin construction work, which must be prosecuted diligently to completion. To secure a Certificate of Appropriation under this Application, Proof of Appropriation must be submitted within the time limit allowed by the State Engineer. The amount of water for which Certificate will be issued will depend upon the amount of water actually put to a beneficial use, not to exceed, however, the amount of water specified in this Application. Proof of Appropriation must be made in accordance with the requirements of the law. For further information write the State Engineer.

